

DIGITAL TRAINING FROM HOME (DFH) FOR TEACHERS AT SD KKG REJE LELE NIMBONG CIBAL DISTRICT

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ABSTRACT

This PKM departed from many predicaments in learning throughout covid-19 Pandemic recently. This PKM was carried out to train and assist the teachers in using technology-based learning applications that are google classroom, google form, google meet, and zoom. The selected type of LMS google classroom, google form, google meet, and zoom were considered easily used by the teachers and the students. Google classroom integrated used polyvalent features namely google form (to provide questions/exercises during learning process), google meet (for direct meeting learning via online), google drive, google doc., etcetera. This PKM is carried out for the teachers in a cluster that is KKG *Reje Lele Nimbong* in Cibal district. KKG (Teachers Working Team) as a receptacle of teachers to develop their professionalism by training, conference, sharing, regarding new learning information, the use of updated learning media and learning evaluation and assessment techniques. Grounded on this consideration, this digital from home training was conducted at the *Reje Lele Nimbong* KKG, Cibal District.

Key_words_1; Digital *from Home*, Online Learning; 2; KKG.

INTRODUCTION

Roadmap making Indonesia 4.0 is an enhancement of human resources quality, life skill, knowledge and mastering the information technology and learning technology. The crucial role of education is very important in preparing human resources which has life skill especially mastering technology as a challenge for the industrial revolution 4.0. In realizing Indonesia 4.0, the world of education in the context of developing 21st century learning requires learning skills which include: 1) life and career skills; 3) learning skills and innovation; technology skills and

information media (Trilling & Fadel, 2009:48).

Technology skills and information media refers to learning media which grounds on technology. Therefore, needs digital training from home such learning media training which is based on technology that is using blended learning (by using of zoom and google classroom) throughout covid-19 pandemic recently. The media based on online is media which based on technology could provide high interest and motivation in learning.

In the midst of the current digitalization era and the Covid-19 pandemic online

learning medias are crucial to be mastered to improve learning process which are active and creative. The applied online learning during covid-19 pandemic demands educators to be skilled in using online learning media based on digital including google classroom, zoom, LMS in the form of Microsoft teams, Webex, Moodle and etcetera. Online learning is considered still new which used in learning process nowadays. Learning process is enforced obliged to be carried out with learning process.

Online learning using smartphone and various application of other social media are not yet mastered fully by the teachers and students in learning process. Therefore, indirectly supporting many educators to master the digital technology as much as possible. Online learning system automatically makes educators get out of safety zone and learn to use learning system application. Hence, needs digital training to be made for Elementary School teachers in order to help teachers in composing an interesting learning.

Digital training from home is composed to provide solution for online learning process throughout covid-19 pandemic. Digitalization is a process of providing or using digital system (KBBI,2018). Covid-19 pandemic which affects the whole world since 2019 until nowadays requires learning activity is carried out by online. Indonesia is a country with fairly large number of infected victims with the highest number of deaths (WHO, 2020) (Elianur, 2020:37). This case has had a tremendous impact on the education sector. School is obliged to do the online learning from home.

Online learning does not demand students to attend to the class but they can access learning through internet. Lashley (2014) (Zhafira, N.H., Ertika, Y., & Chairiyaton,2020:39) said that the use of

technology around the students if it is synchronized with discussion and appropriate guidance thus it can increase the highest-level thinking skill of students. Technology development could make easy the learning throughout current covid-19 pandemic. By using of technology such *google classroom*, Webex, LMS (*Learning Management System*), *Microsoft teams*, etcetera. With this media bases on technology makes easier for students and teachers to access learning materials, interact with material content and support online learning and a good learning experience. Online learning process at elementary school could choose learning application type which is easy for students to access materials in accordance with student character and support learning environment.

The carried out online learning was very influenced by the perception of students in interpreting learning. Perception is a process of learning stimulus interpretation which was accepted by the students to comprehend comprehensively. This perception can manage and improve themselves in online learning activities. That aptitude is known by the term of self-regulated learning (Zimmerman & Martinez-Pons, 1988) (Mahardini, 2020:377). For training on the use of this digital from home using the applications of google classroom. Selecting this application is synchronized with the character of students and the ability of teacher in handling learning by online. Other than that, selecting google classroom application is taken in accordance with support learning environment that is accessing internet.

Implementing learning by google classroom is easier for teacher in evaluating the carried out online learning process. Learning can be combined between conventional method with e-learning or called blended learning (Aryani, dkk.,2020,374) according to Ministry of Education and Culture (Naserly, 2020:159).

Online learning has six principles namely: 1) *learning is open*; 2) *learning is social*; 3) *learning is personal*; 4) *learning is augmented*; 5) *learning is multi represented*; and 6) *learning is mobile*. Google classroom is one of LMS types which is easily used by educators or the students themselves. Google classroom is one of Google's products which was specially developed in helping applying technology-based distance learning. Ramadhani, *et al.*, (2019) in his research narrated that google classroom is the best choice of LMS because it has an advantage wherein it is used for free, easily used, easily access with complete features that is *google form* (to give test questions), *google drive*, *google doc.*, *google slides*, *google meet*, and so on so fort (Alfina, 2018:40).

Teachers or educators are one of the elements who are very important in education aspect and participate active in learning process. Teachers are being positioned as professional elements with various competencies that they have and amongst professional competency, social competency, personal competency, and pedagogic competency. Henceforth, teachers are demanded to continuously increase their competencies and sustainable. Teachers are not only transferring their knowledge but they are obliged to be the learning agent who can provide good character values for students. Educating is one of the efforts to lead students to become human who has good human resources, has good self-character, has learning skills, innovative, creative, and bright. Educating is not simply a transfer of knowledge but the transfer of values (Khasanah, Sumarsih & Yulidesni, 2018:36). Teachers are as models and role models for their students.

Teachers play a very important role in improving the quality of Indonesians human resources in various era of development and today's global challenges. The quality level of human resources depends on the quality of

educational outcomes formally and nonformal (Ministry of Education and Culture, 1995:4) which was quoted by (Purnanda, 2013:2). The improvisation of SDM must be begun from the level of Elementary School. Elementary School is the foundation for further school in the middle level of education and the high education. The improvisation of education quality at SD needs more extra attention in improving teacher's quality, facilities and infrastructures, curriculum, and so on so forth.

Various quality of teacher improvisation that are carried out today. One of them is formed KKG/MGMP. KKG (teacher working group) which was formed in several schools and forming a cluster of KKG. KKG could give benefit in improving the quality of teacher. This was caused by KKG wherein as one of the discussion forum and problem solving for teachers who had experienced in learning activity, as a locus for teacher's activity who were united in a group who can improve their professionalism together. KKG as a teacher's forum in spreading out information regarded with learning changes, various learning skills, learning medias, class administration, and so on. With KKG provides opportunity for teachers to be creative, innovative, and productive in developing knowledge outlook, ability, and their professionalism skill.

PKM IMPLEMENTATION METHOD

Overcoming the above predicament, it is needed to carry out DFH (Digital From Home) training for the SD teachers at KKG Reje lele Nimbong, Cibal district, Manggarai Regency, NTT Province. In another words, this PKM offers a solution for the learning problem experienced by the teachers throughout Covid-19 Pandemic by a DFH training especially for the use of google class room, zoom, google meet, and google form.

Generally, last step of this training was

to increase teacher's skill in using various learning media which was technology-based. The dexterity in the aspect of learning technology have brought about a very good impact in learning process. It is in line with the research upshot of Hidayat, (2020:30) which stated that learning by using of learning technology is ought to be used for learning process and can improve students' understanding to the given lesson. DFH is blended learning training form for teachers hence can be applied in online learning. Thus, the guidance of the above teachers should be done because it is very important and crucial in learning.

The activities to be carried out are as follows:

1. Needs an analysis. To analyze the needs firstly the questionnaires are given via google form to find out the data regarding perception and the needs of teachers for training the digital from home which relevant with the learning. From the foretold data strategy is determined and training content which is efficient and effective for Elementary School teachers at KKG Reje Lele Nimbong, Cibal district.
2. Offline training with a limit of participants 20 teachers and still have an attention to the health protocols. In this step will present the lecture regarding digital which relates to learning technology to equip teachers with knowledge and skill in using learning technology.
3. Workshop and training using learning technology, google class room, zoom, google meet, and google form. This activity allows teachers to carry out brainstorming regarding learning technology which was used via online.

Outcome and description

This activity was done in 3 months by coordinating with KKG Reje lele Nimbong leader and the principal of the school in KKG cluster at Cibal district. The activities that were done are narrated as follows:

PKM RESULT

The Analysis Result of Digital from Home Training

The need of DFH training was analyzed regarding its need by using 10 questionnaires statements. This activity was done on 18 August 2021. The participants consisted of KKG Reje Lele Nimbong teachers from 5 schools who are 10 persons. Before carrying out the activity the researchers analyzed the need of DFH training of those teachers by distributing questionnaires. The following are the criteria references in classifying the need of teachers in DFH training.

Table 1. Criteria References in Analyzing DFH Training Need.

| No. | Score range | Category |
|-----|------------------------|-------------------|
| 1. | $\bar{X} > 45$ | Really need |
| 2. | $35 < \bar{X} \leq 45$ | Need |
| 3. | $25 < \bar{X} \leq 35$ | Moderate |
| 4. | $15 < \bar{X} \leq 25$ | Need less |
| 5. | $\bar{X} \leq 15$ | Really don't need |

Based on the above references criteria, teachers need is categorized really need. Based on the questionnaires analysis obtained average 38,65 (attachment 3). That number is categorized 35-45 with the description Need. Grounded on this analysis hence training is needed to be carried out at KKG Reje Lele Nimbong, Cibal district.

1. PKM Implementation

This activity was done offline in 2 meetings at SDK Nimbong and SDK Welu. This community service activity was attended by the teachers from 5 SD at that KKG. On the first day this activity was attended by 11 teachers and on the second day activity was attended by 20 teachers.

Lesson presenting method was narrated offline at SDK Nimbong. Lecturer narrated training regarding the use of google class room, google meet, zoom, and google form. The lecture was presented in the form of power point and immediately guiding the teachers in practicing using the platform. The steps of activity on the first day was carried out by presenting the lecture and immediate giving exercises.

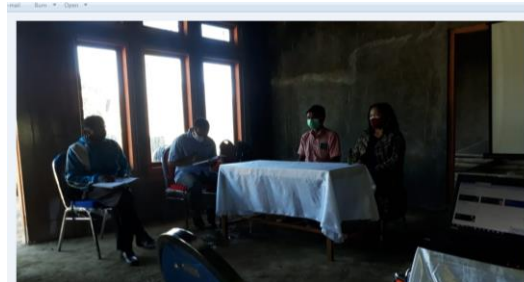
Training by using google form teachers were asked to compose questions in the form of multiple choice and essay test. The second day activity was continued with training about the use of zoom and google meet dan was directly practiced by the teachers. The activity was very useful for the teachers because the carried-out learning during covid-19 pandemic demand them to master the learning platform digital-based. Documentation evident throughout activity are presented as follows.



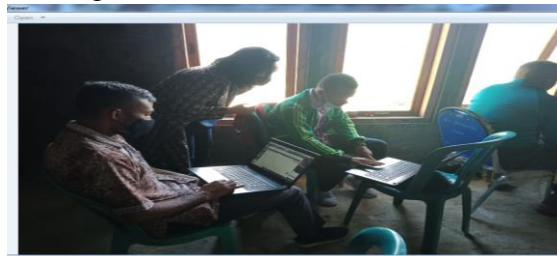
Picture 1. DFH Training participants



Picture 2. The lecturer with the college students gave instructions about the training



Picture 3. Supervising teachers in DFH training



Picture 4. The lecturer with the college students' hand in hand supervising teachers in DFH Training.

This activity was continued on the second day on 31 August 2021. This activity was to evaluate the outcome of the activity which was done on the first day. On this supervising activity the lecturer of PKM offered ongoing training about DFH which was not yet grasped by the teachers. The result was very satisfied because the teachers can formulate questions in google form, practicing handling meeting by using zoom and google meet and saving lectures file and assignments in google classroom. Documentation evident result of the activity are presented on follows pictures.



Picture 5. Continuation of DFH training at SDK Welu together with teachers from KKG Reje Lele Nimbong

The outcome of activity evaluation was very satisfied, because almost the teachers from KKG Reje Lele Nimbong can use google classroom, google meet, google form and zoom. The given platform during training was useful for teachers in improving their professionalism competency and pedagogic in today's digital era.

Description

This activity was done in accordance with the expected target. Through this PKM activity, helping teachers to encounter the predicaments in adapting learning during pandemic in controlling assignments, explaining the lesson during learning hence is needed to carryout DFH training (Digital From Home) for the SD teachers at KKG Reje Lele Nimbong, Cibal district, Manggarai regency, NTT province. This activity offered a solution for the learning problem during covid-19 pandemic which was experienced by the teachers with a DFH training activity especially using google classroom, zoom, and learning Moodle.

This activity was well accepted and enthusiastically by the SD teachers at KKG Reje Lele Nimbong with their limitations in adapting learning during this pandemic. It is shown by their serious in following the

training. During this activity went on the teachers were very energetic to use the applications which make them easy for their control function in giving knowledge to students during this pandemic. Thus, with close relationship, harmony, full of encouragement and interesting this activity could be done with involvement of teachers who were full of high curiosity. KKG Reje Lele Leader felt thankful with the presence of college students and their lecturer in sharing their knowledge and cooperate in educating the life of nation in the midst of pandemic. He expected that this corporation is still going on and continually sharing new thing in encountering the development of this era which is broaden and is demanded to adjust with it.

CONCLUSSION

PKM activity was done in accordance with the settled plan with KKG Reje Lele Nimbong committee, Cibal district. DFH training carried out in two seasons: 1) activity carried out on Friday, 13 August 2021 at SDK Nimbong. This activity was participated by KKG Reje Lele Nimbong leader together with SD teachers. The outcomes at that time were not yet maximal hence was continued on the second season. 2) season two was carried out on Tuesday 31 August 2021 at SD Welu. This activity was very satisfied because all the teachers were able to operate and used the given platform in training.

Suggestion for this PKM training is the participants are expected to be the master teachers in using platform digital based in implementing learning and can be implemented in learning and teaching activity in school. Competency that is developed by teachers nowadays one of the skills in using learning based-technology to develop their pedagogic competency. This is very important to welcome the hindrances in this 21st century.

DFH training was expected as the proper solution in responding teachers' problem in online learning which was carried out during covid-19 pandemic. Online learning can be done maximally at the moment wherein the teachers are creative and innovative using digital platform in learning. Further expectation is teachers as the learning agent who are skillful and choose to determine learning platform which is used in learning and teaching process in school.

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